



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Wednesday, June 17, 2015

Issued: 0800 CT

Day 1 Hazards: Continued rainfall over E TX and E OK from Tropical Depression Bill will lead to flash flooding in some areas.

Continuing Hazards: Major river flooding along the Red River in NW LA, at Liberty on the Trinity River in SE TX, as well as several smaller rivers between Corpus Christi and Houston.

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Jennifer McNatt
817-978-1100 x 147

Key Points



Today

- Tropical Depression Bill will continue to move north through E TX today
- Continued rainfall over E TX and into E OK could lead to areas of flash flooding, especially over SE OK and N-Central TX (although areas throughout all of E OK into E TX are prone to flooding today)
 - A few strong thunderstorms with damaging winds and isolated tornadoes will be possible mainly over E OK and NE TX, into W AR

Thursday

- By Thursday, the heavy rain and flooding impacts will be focused over E OK and W/N AR

Friday

- Lingering rain over N AR may prolong flooding threat on Friday for this area; ongoing river flooding likely across much of E TX, NW LA, E OK and W AR






This Weekend

- No significant impacts (beyond ongoing river flooding) is expected throughout the Region

*FEMA Region 6 Threat Matrix

Jun 17, 2015 - Jun 21, 2015

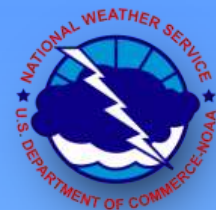
DAY/ THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	NE TX, E OK, W AR				
Heavy Rain /Flash Flooding	SE OK, E TX	N TX, E OK, W AR	N AR		
Tropical					
River Flooding	SE TX, NW LA				

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



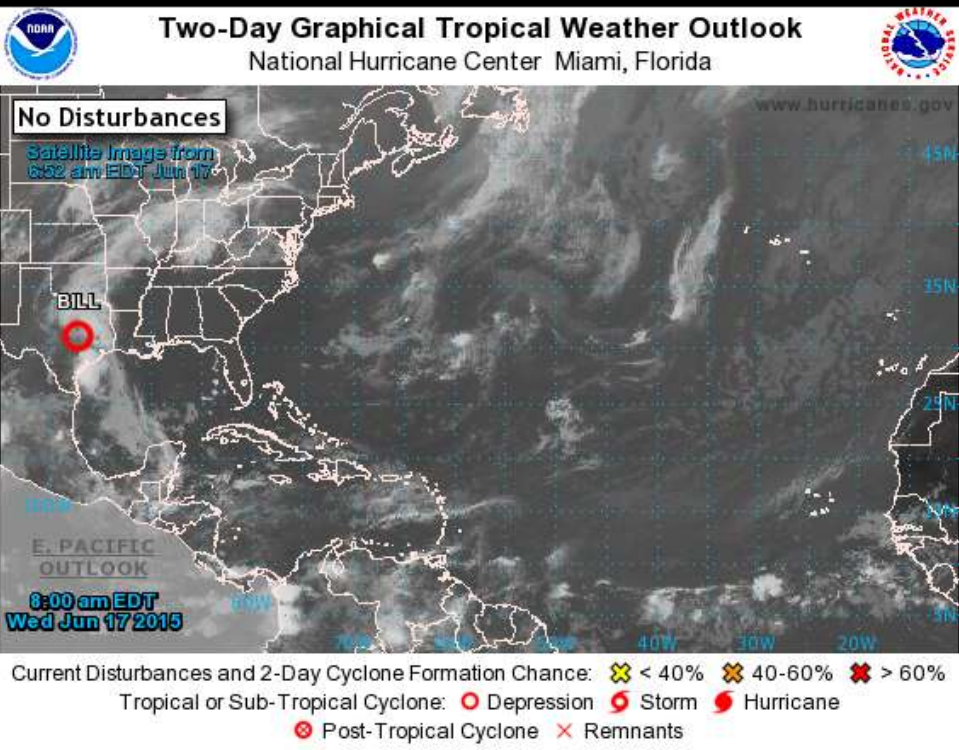
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Atlantic/Gulf Tropical Weather Outlook

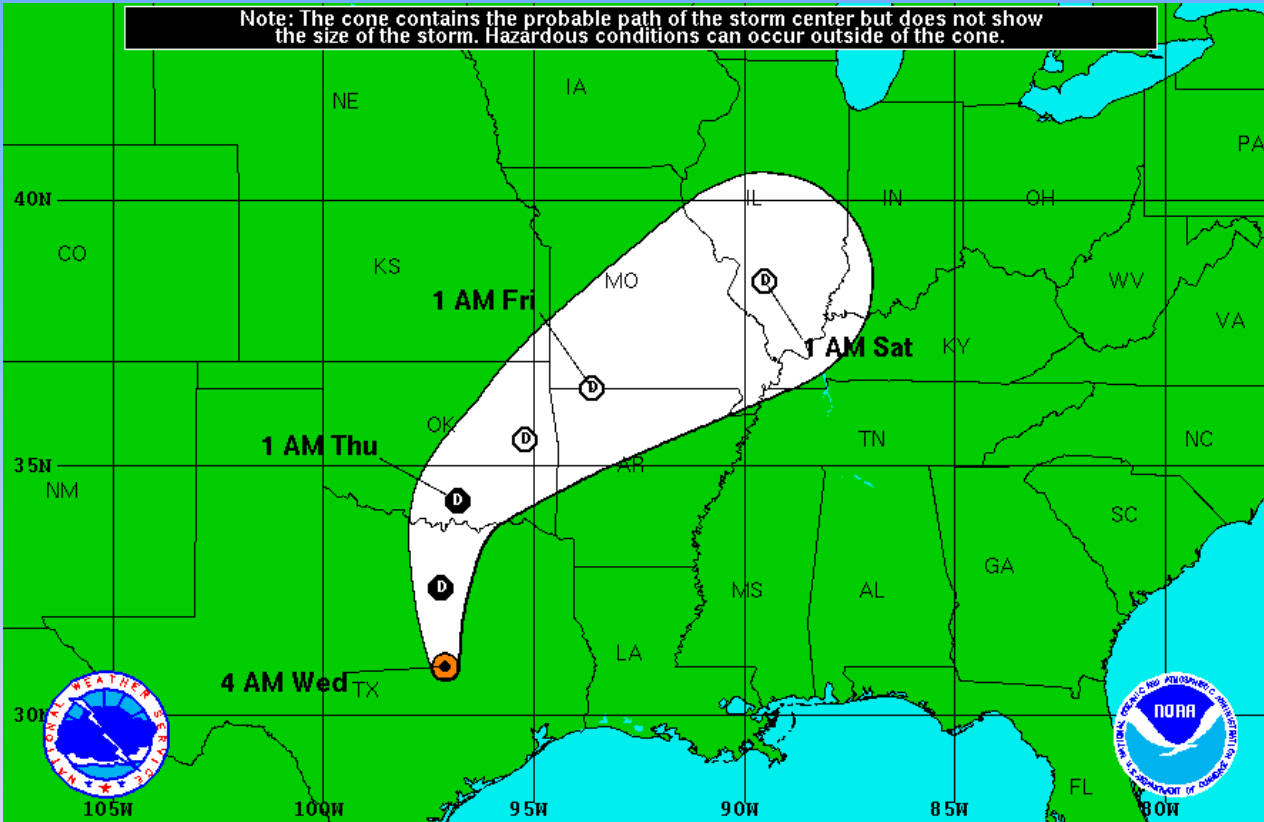


See next slide for information on Tropical Storm Bill; no new tropical activity is expected in the next five days.



Tropical Depression Bill

Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



Tropical Depression Bill

Wednesday June 17, 2015

4 AM CDT Advisory 6

NWS National Hurricane Center

Current Information:

Center Location 31.0 N 97.1 W
Max Sustained Wind 35 mph
Movement N at 13 mph

Forecast Positions:

● Tropical Cyclone ○ Post-Tropical
Sustained Winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110mph

Potential Track Area:

Day 1-3 Day 4-5

Watches:

Hurricane Trop.Storm

Warnings:

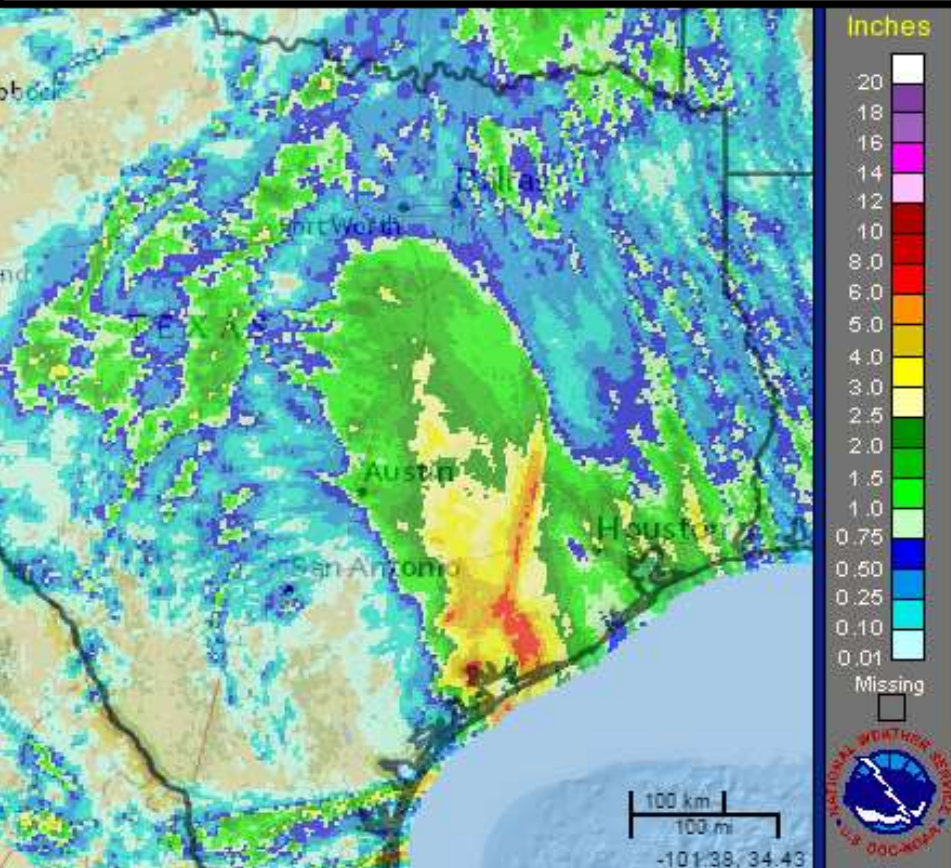
Hurricane Trop.Storm

Tropical Depression Bill is moving north around 13mph. This general motion is expected to continue today with a turn to the northeast on Thursday.

Maximum sustained winds are near 35mph with higher gusts. Slow weakening is forecast during the next 48 hours.

Rainfall totals of 4 to 8 inches over E TX and E OK and 3 to 6 inches over W AR are possible through Thursday.

Previous 24-Hour Rainfall; Current Watches



**5am Tuesday through 5am
Wednesday**

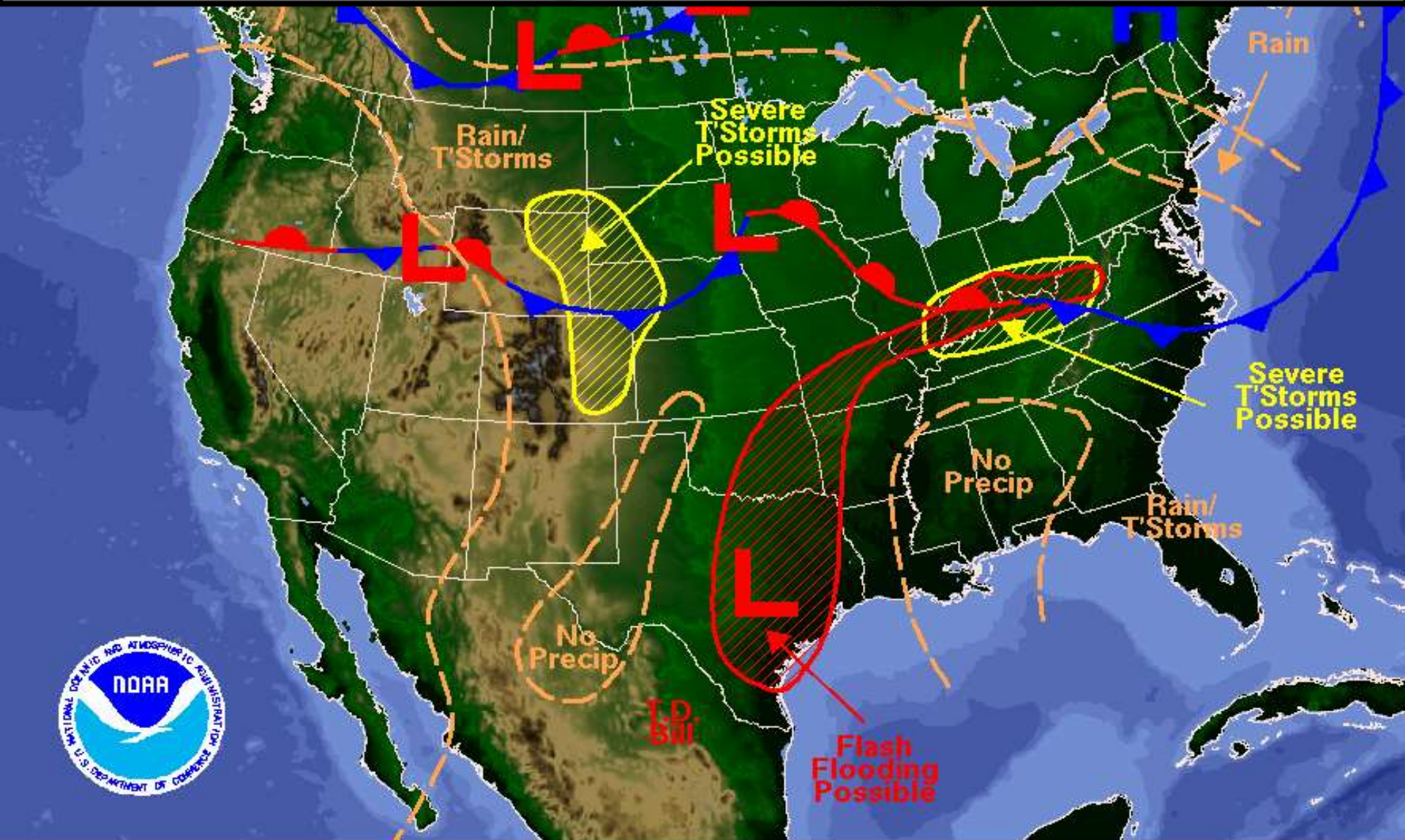
Graphic Created
June 17th, 2015
7:05 AM CDT

Current Convective and Flood Watches

National Weather Service



Today's Weather



Weather Forecast for Wed, Jun 17, 2015, issued 4:23 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts






Day 1 Weather Hazards

Valid: 0800 Wed - 0800 Thu



**Continued rain,
heavy at times,
will lead
to areas of
flash flooding**

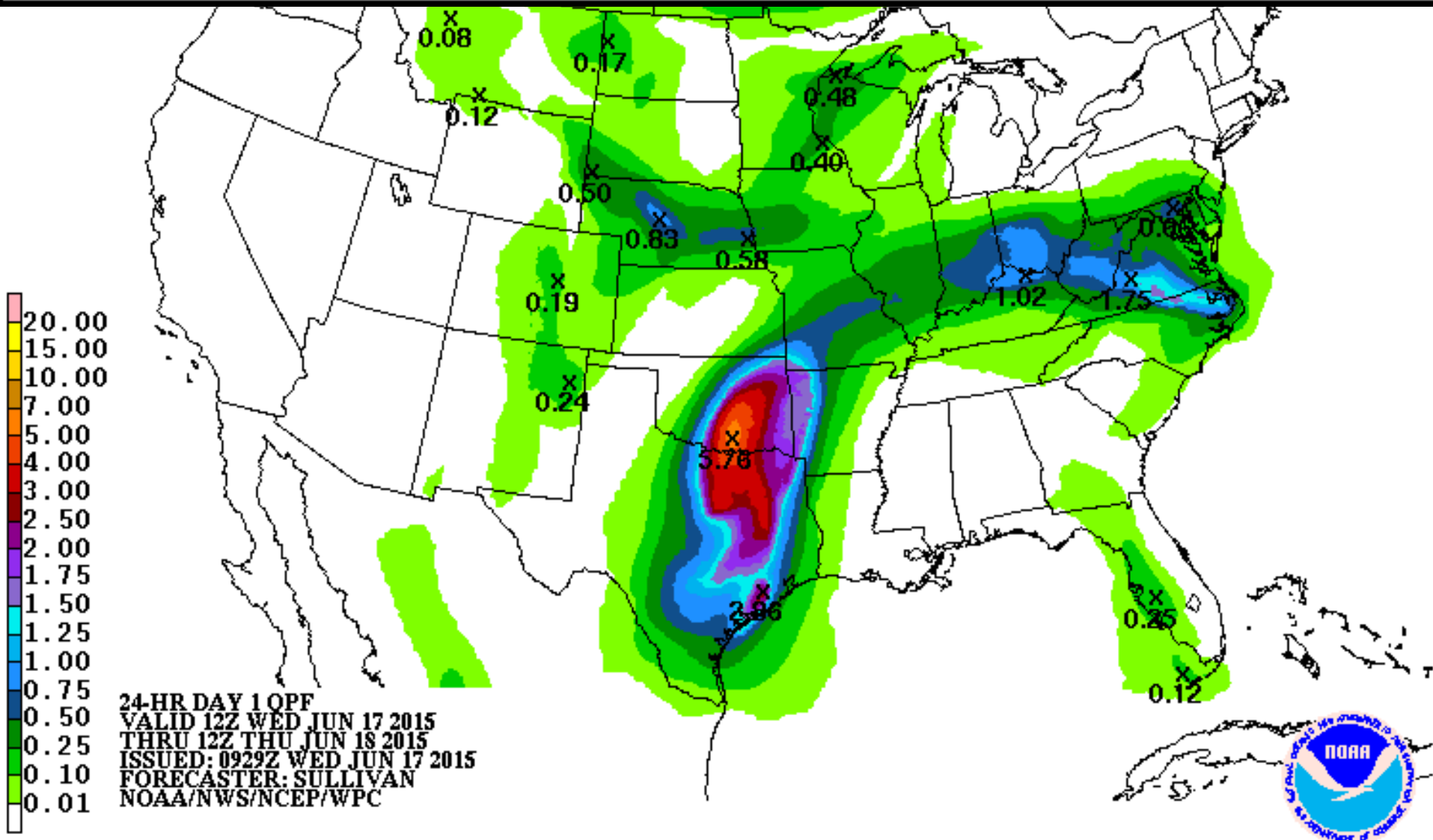
**A few strong
storms
possible, along
with isolated
tornadoes**

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

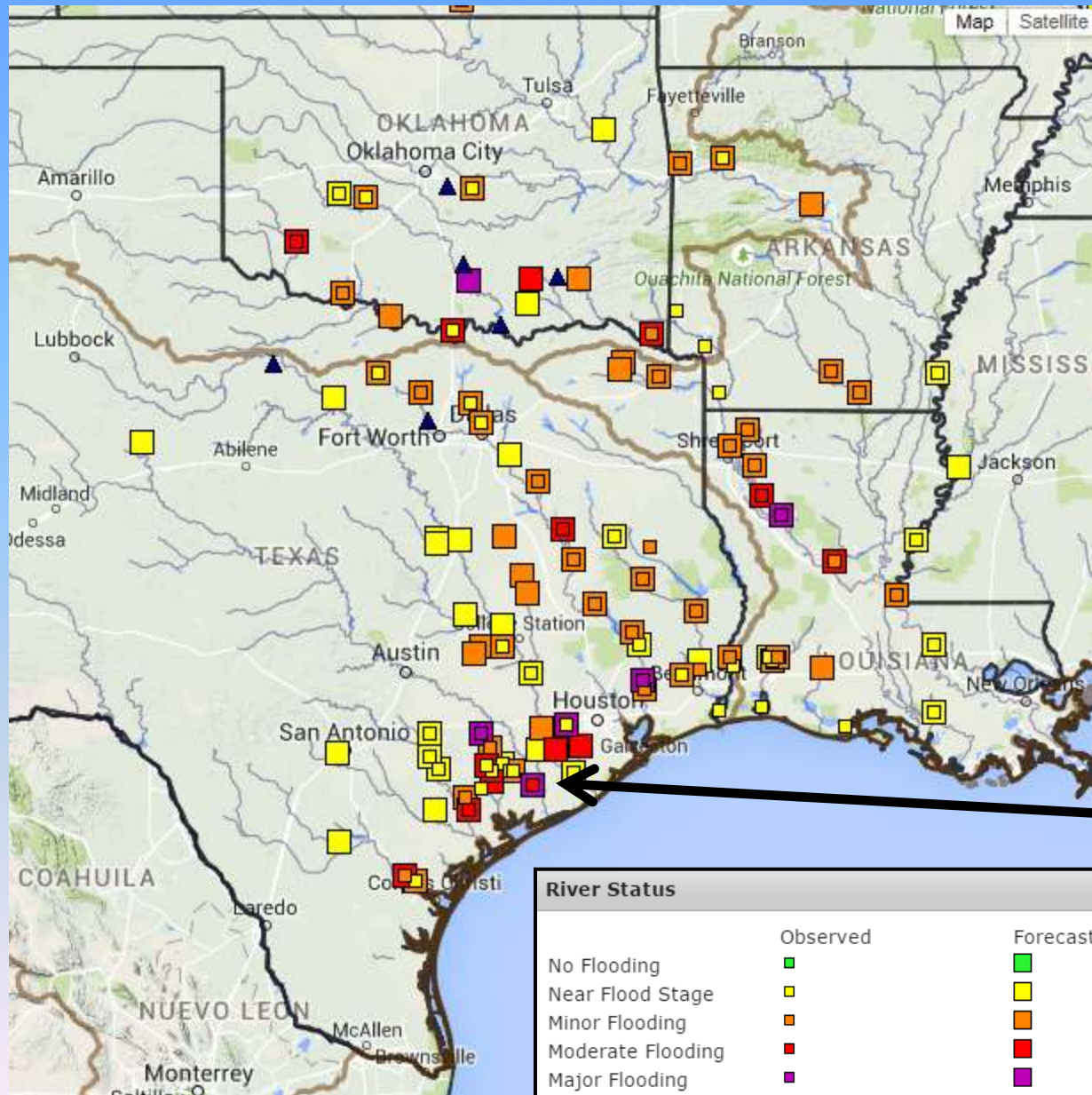
***Threat levels are based on FEMA
Region 6 criteria. State or local
threat level criteria may differ.**

Today's Precipitation

Wed AM - Thu AM

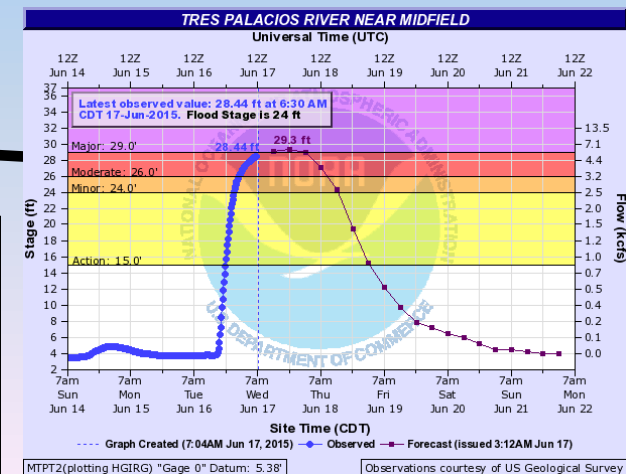


Current River Status / Near Term Forecast

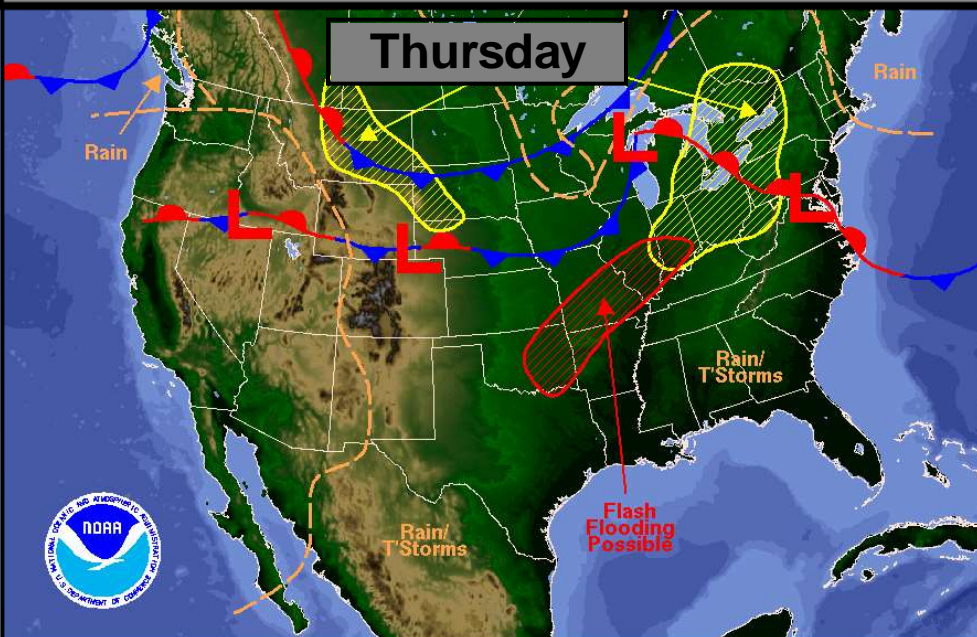


Rivers in N-Central TX and E OK will likely begin to show rises in the next few days after the rain has fallen

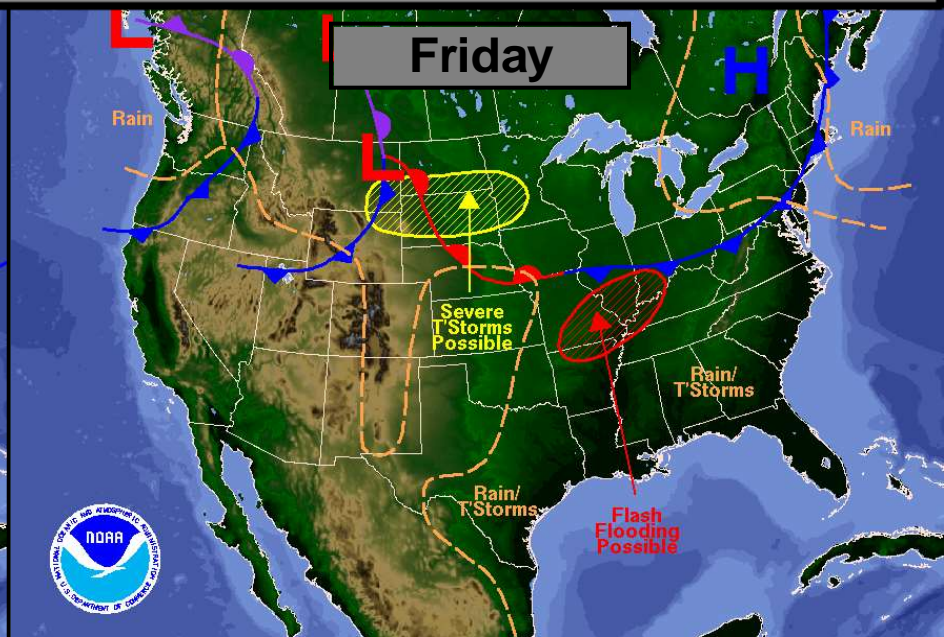
Several points in SE TX have risen into moderate to major flood



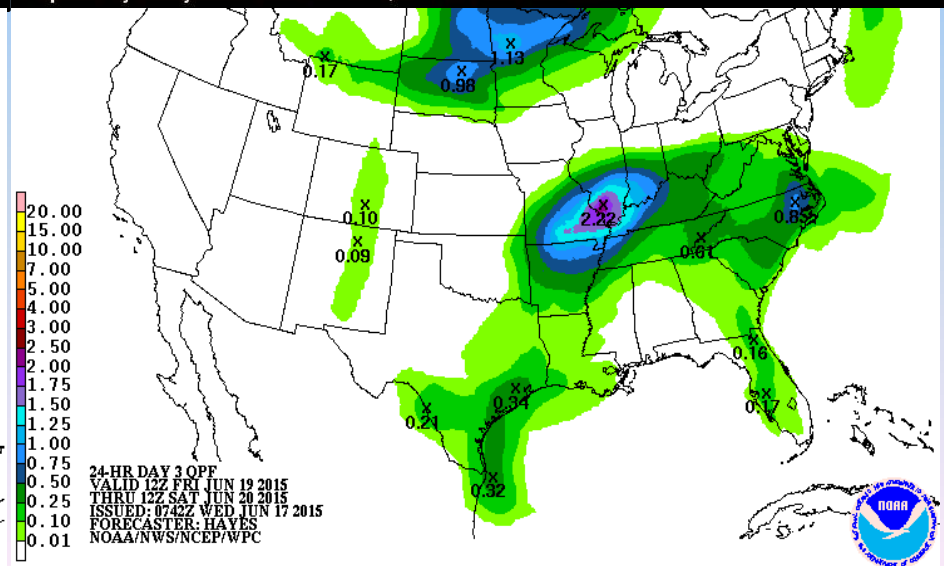
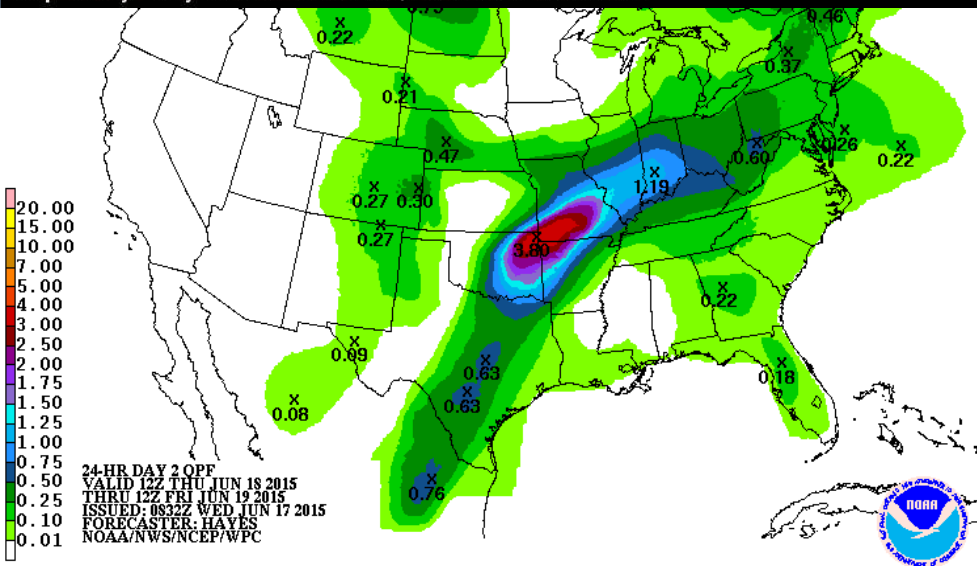
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Thu, Jun 18, 2015, issued 4:28 AM EDT Wed, Jun 17, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SFC and NHC forecasts

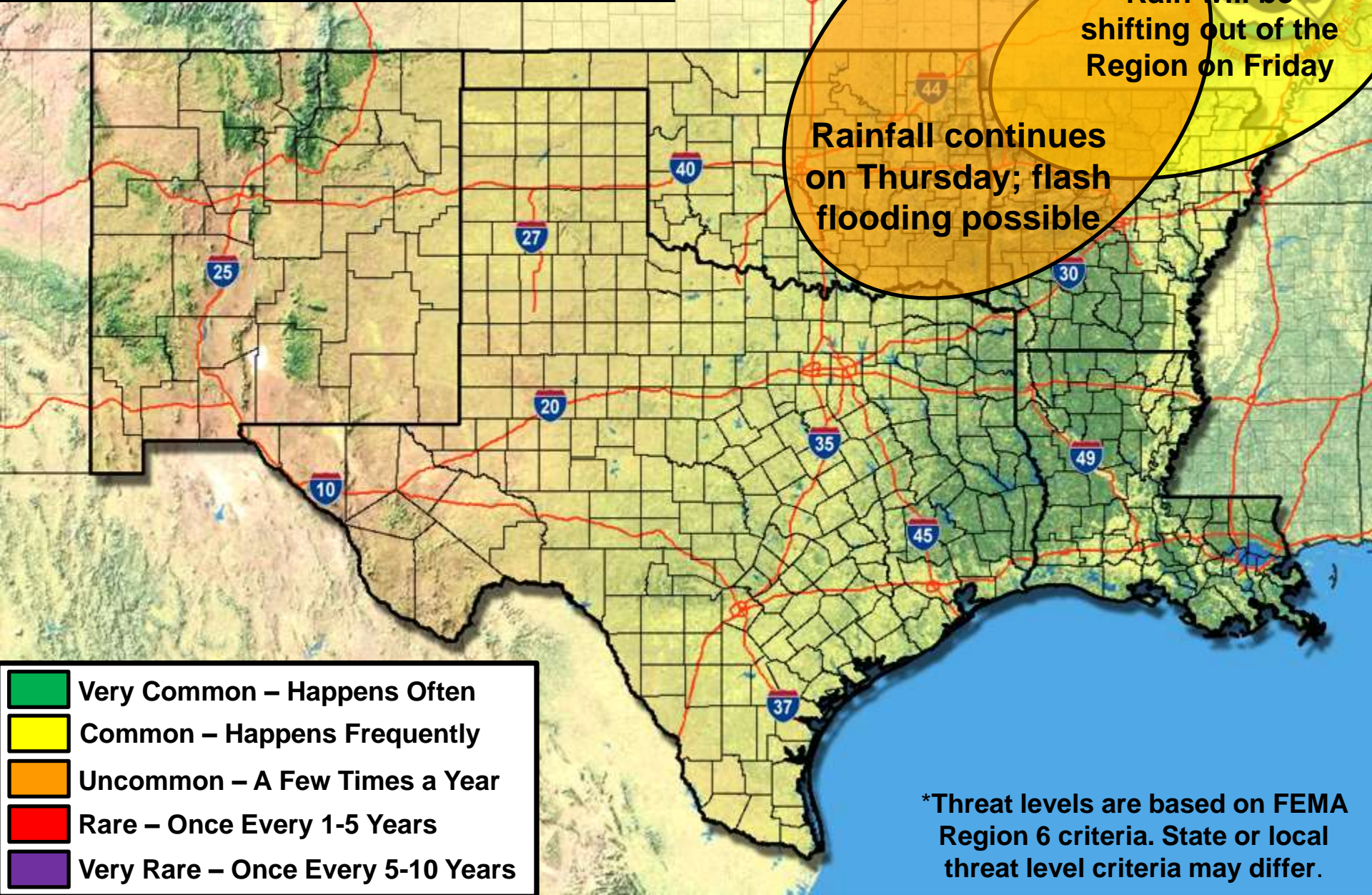


Weather Forecast for Fri, Jun 19, 2015, issued 4:57 AM EDT Wed, Jun 17, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SFC and NHC forecasts



Day 2-3 Weather Hazards

Valid: 0800 Thu - 0800 Sat



Rainfall continues
on Thursday; flash
flooding possible

Rain will be
shifting out of the
Region on Friday

- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Day 4-5 Weather Hazards

Valid: 0800 Sat - 0800 Mon



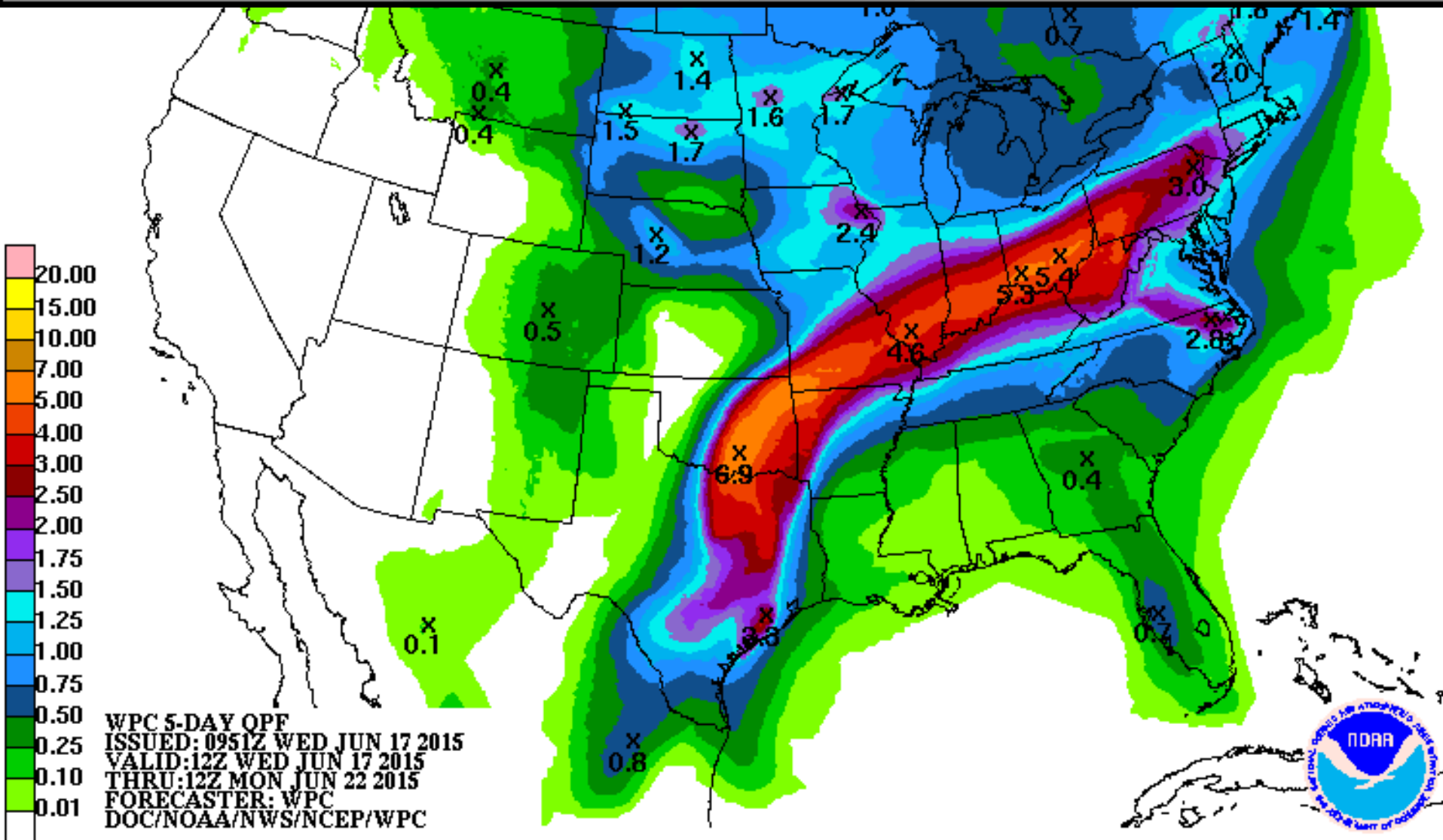
No significant impacts expected this weekend.



*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

5-Day Precipitation

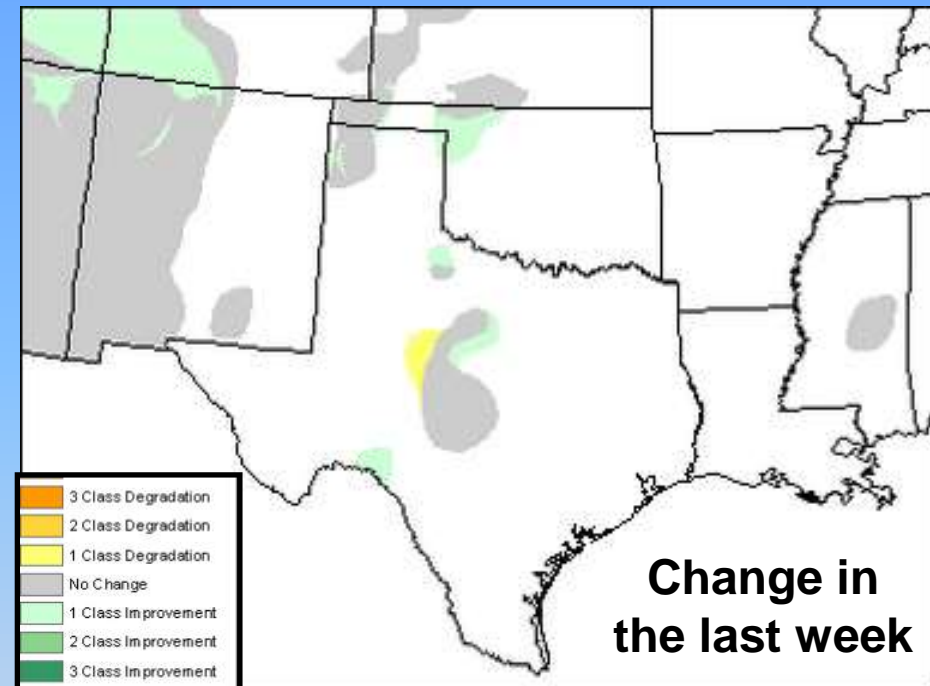
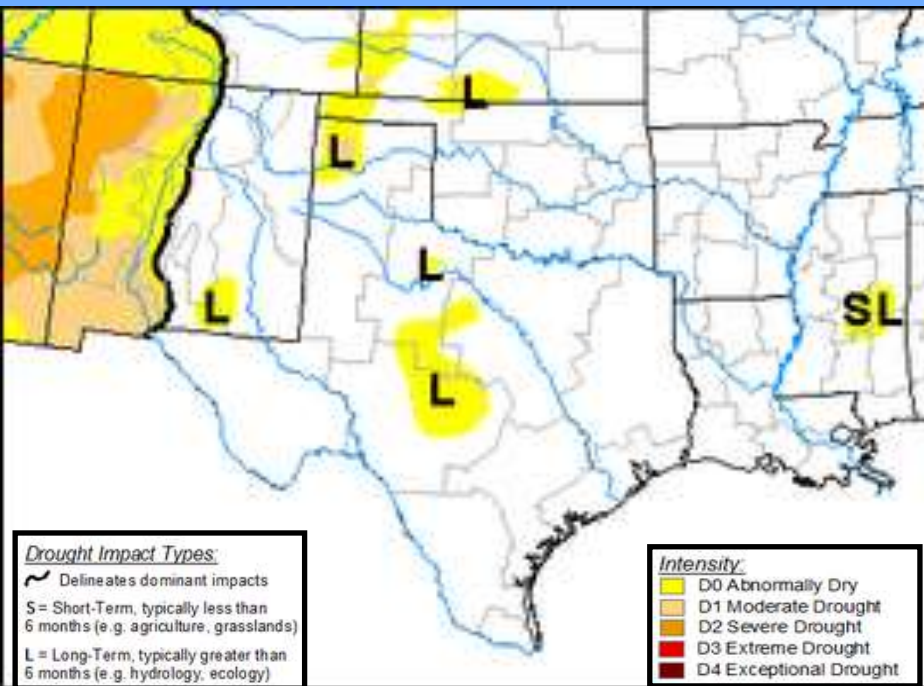
Wed AM - Mon AM





Drought Monitor Released June 11th, 2015

Data valid as of Tuesday, June 9th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	28.29%	53.24%
Texas	0.00%	0.00%	11.26%	23.23%
New Mexico	0.00%	0.00%	0.00%	29.24%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

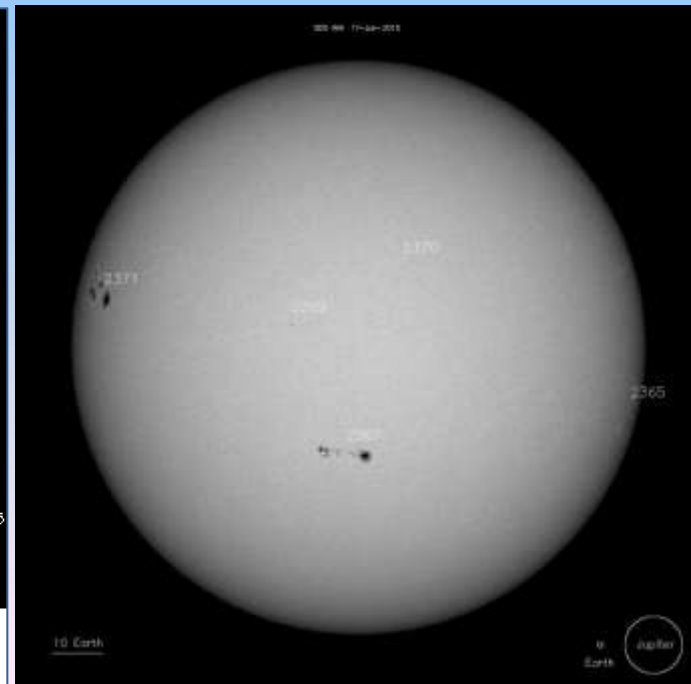
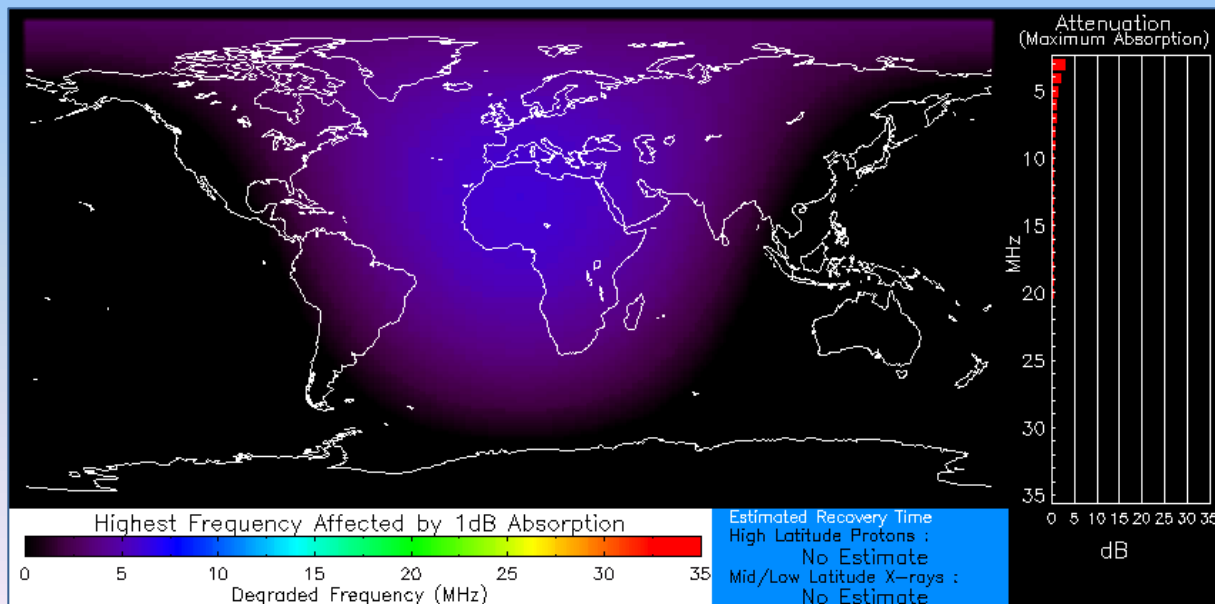
Space Weather 3-Day Forecast



	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	30%	25%	20%
Radio Blackout (R3-R5)	5%	5%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
 Product Valid At : 2015-06-17 11:42 UTC

Normal Proton Background
 NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.srh.noaa.gov>

facebook

<https://www.facebook.com/NWSSouthern> (**NEW link!!**)

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US